

The ITO US-100 0.8 MHz is used for the deep tissue treatment and 3 MHz is used on tissue close to the surface. Sound waves heat the tissue. This is likely to improve blood circulation and offer secondary benefits such as pain relief, promotion of healing of the injured area, and reduced recovery time.

ITO US-100



2-1100006

Beam Distribution
Low BNR

Features:

- 0.8 MHz Frequency (penetrates deeper)
- Very Low BNR: 2.9-4.0 according to IEC
- Auto contact control
- Large or small detachable treatment heads
- Dual power source: AC mains or battery (Optional extra)
- 10 preset programs and a free user programmable memory
- Selectable coupling sensitivity

Specifications

A.C.Adapter: 100-240VAC 50/60Hz
 Battery: 12V-2.6Ah(optional)
 Power Cons 30VA+15% or less
 Max. Intensity 3W/cm² or 15 Watts total
 L size 4.9cm²/0.8MHz plus/minus 10%
 (BNR 2.9 +/- 30% ERA 4.0cm²)
 S size 0.93cm²/0.8MHz plus/minus 10%
 (BNR 4.0 +/- 30% ERA 0.8cm²)
 Safety Class Class 2 Type BF
 Dimensions 227(W)*206(D)*94(H)mm

Screens



Standard Kit



Options: Battery Small Transducer



<http://www.kimhung.vn>

ITO US-750

1 & 3 Mhz



#2-1100005

Features:

- Typewriting keyboard for entering patient info & protocols.
- 100-item program memory
- Very Low BNR: 2.9-4.0 according to IEC
- Auto contact control
- Large and small detachable treatment heads each deliver 1MHz & 3 MHz treatment.
- Selectable coupling sensitivity.
- Enables Combo therapy in conjunction with the ES-320 electrotherapy unit.
- Optional Small Treatment head

Specifications

Power supply 100-240VAC plus/minus 10% 50/60Hz
 Intensity (max.) 2 W/cm² plus/minus 20%, continuous
 3 W/cm² plus/minus 20%, pulsed
 U/S Freq 1 and 3 MHz each probe
 Free program 100
 Timer 1-30min., counts only actual therapy time
 Dimension 285(W) x 250 (D) x 102 (H)mm
 Weight approx. 3 kg
 Safety class Class I, Type BF (IEC) Class IIa (MDD)
 Combo therapy can be linked with ES-320 electrotherapy unit
 LCD display touch panel, 320 x 240 pixels



2 Multi-Mode / Interferential Stimulation & Vacuum

Electrical Stimulation Therapy Promotes or represses vital reactions through the application of Electrical Stimulation to the neuromuscular system or sensory nerves in order to reduce pain, improve muscle strength, inncrease joint mobility, suppress spasms, promote blood circulation, and reduce the severity of edema.

ITO ES-521 Interferential +



2-2000008

Features:

- Dual-channel simultaneous monitoring:
- Eight stimulation modes: 4-pole IF, 2-pole IF, EMS, Russian, TENS, Hi-Volt, Microcurrent (MCR), and DC.
- Large LCD Screen
- Programmable - 6 programs per mode can be stored.
- Five to Seven pre-set programs per mode.
- CC and CV modes
- Connectable to Vacuum

Specifications

Power supply 100-240 VAC plus/minus 10%
50/60Hz
Current Amplitude (max): 33mA (peak)
No. of Channels : 2
LCD display touch panel, 320 x 240 pixels
Safety class Class I, Type BF (IEC) Class IIa (MDD)
Dimensions 345(W) x 264 (D) x 180 (H)mm
Weight: 5.5kg

Screen



Standard Kit



Optional accessories



2 Channel low and Multi Frequency Electrotherapy Unit.

<http://www.kimhung.vn>

ITO SU-520 Vacuum



2-2000003



Features:

- Blow-out Ejector vacuum susem: NO WATER reservoir is needed. Virtually maintenance free, since dust or moisture does not adhere to inside tube or connections, resulting in the prevention of blackages or oxidisation.
- Re-usable sponge disks.

Specifications

Power supply 100-240 VAC plus/minus 10% 50/60Hz
Current Amplitude (max): 33mA (peak)
No. of Channels : 2
Vacuum System: Blow out Ejector method
Vacuum Mode: Continuous, Intermittant
Safety class Class I, Type BF (IEC) Class IIa (MDD)
Dimensions 345(W) x 267 (D) x 116 (H)mm
Weight: 8 kg

Standard Kit



Optional accessories



All the benefits of Ultrasound and Electrical Stimulation Therapy in one unit which eliminates the complexity associated with multi-channel systems.

Features:

- Touch panel for easy operation:.
- 5-channel simultaneous monitoring:
- Allows independent electrotherapy (ES), independent ultrasound (US), independent US use while using ES, and a combination of US and ES.
- Multi Frequency ultrasound (1/3MHz) and 8 stim modes: 4-pole IF, 2-pole IF, EMS, Russian, TENS, Hi- Volt, Microcurrent (MCR), and DC.
- 61 preset programs (ES x 44 and US x 17)
- 80 free programmable areas.
- The EMS training program is able to setup
- High-quality ultrasound treatment head: Low BNR 3.2-3.6, auto contact control, auto-calibration, and waterproof construction.
- 2-channel ultrasound: Both L and S size ultrasound probes can be connected at the same time, allowing use simply by switching channels.

Specifications

Power supply 100-240VAC plus/minus 10% 50/60Hz
Intensity (max.) 2 W/cm² plus/minus 20%, continuous
3 W/cm² plus/minus 20%, pulsed
Ultrasound frequency 1 and 3 MHz each probe
Free program memories 100

Combo therapy can be linked with ES-320 electrotherapy unit
Timer 1-30min., counts only actual therapy time
LCD display touch panel, 320 x 240 pixels
Safety class Class I, Type BF (IEC)
Class IIa (MDD)
Dimensions 285(W) x 250 (D) x 102 (H)mm

Standard Kit



Screen



Features:

Packed with the essential stimulation modes for low-frequency electrotherapy, including **TENS, EMS, and MICROCURRENT.**

- AC/DC dual power supply
- Eighteen(18) preset programs
- Programmable... up to six(6) programs may be stored
- A full range safety functions
- An excellent value/performance ratio

Specifications

No. of Channel 2 channels, independently controlled
Amplitude TENS, EMS: 0-99mA plus/minus 10%
Micro Current: 10-150µA plus/minus 50%
160-750µA plus/minus 30%
Phase Duration
TENS: 50-250µs plus/minus 20%
EMS: 100-500µs plus/minus 20%
Micro Current: 1.65-1667ms plus/minus 20%
Frequency 0.3-400Hz plus/minus 20%
Timer 1-99minutes
Power Source Six(6) alkaline LR6 batteries or AC

Standard Kit



MICROCURRENT

Tiny structures in each cell produces fuel is called Adenosine Triphosphate (ATP). Cells that are toxic or otherwise injured produce very little ATP. When microcurrent is applied to the cells they produce increased amounts of ATP. Microcurrent increases micro-circulation (a proliferation of tiny blood vessels), and bathes the cells in more oxygen and nutrients. Additionally, microcurrent enhances protein synthesis, enhances the contraction of muscle



Traction is a conservative treatment for cervical or lumbar spine problems. Ambulatory traction elongates intervertebral spaces of the spine by lifting the head or upper body. Traction therapy stretches the neck or lumbar area. Intervertebral spaces are widened and the foramina, through which nerve roots pass, are widened, too.

ITO TM-400



#3-5000033

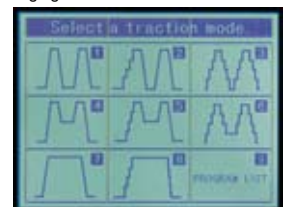
Features:

- CE(MDD), FDA, UL
- Simple and Easy Operation Through a Large-LCD Display and Programmable Memory
- Large graphic LCD display panel measuring 121 x 92 mm
- Eight traction modes
- Concurrent display of preset and on-going values
- Memory storage up to thirty (30) therapeutic patterns
- Filing in memory of previous or interrupted treatment parameters
- Automatic calibration of traction force
- Easy ten-key input
- Durable and soft nylon-coated metal traction cord
- Safety-oriented design
- SEE TRACTION TABLE Page

Specifications

Power Source	AC 110/115/120V or AC 220/230/240V, 50/60Hz
LCD Display	121 x 92mm, or 320 x 240 dots 10 languages
Traction Force Display	kg or lbs
High Force Range	1-90kg (198 lbs)
Low Force Range	0-89kg (196 lbs)
Hold and Rest Time	0-99sec
No. ramp Steps	2-9 steps
Pause time of ramp steps	2-20 secs
Traction Speed	1:; 1:2, 1:4, 1:6, & 1:8
Timer	1-99 minutes
Program memory	30
Data Input	ten-digit keypad
Conformity	CE(MDD), FDA, UL
Dimensions	260(W) x 350(D) x 295(H)mm
Weight	12kg

Screens



Tractation Belts



Heavy Duty Pelvic Traction Set

REF: 1433

Includes: Thoracic Restraint, Pelvic Belt and Restraint Straps

Universal fit to 52" (132 cm) For pelvic or lumbar traction applications up to 200 lbs (91 kg).

#3-5000020



Universal Thoracic Harness 1431

For thoracic traction applications up to 200 lbs. One size fits all.

3-5000055



Universal Traction Pelvic Harness 1421

For pelvic or lumbar traction applications up to 200 lbs. One size fits all.

3-5000056



Universal Cervical Traction Halter 1401

3-5000057

Also Available Canvas Traction Belts

3-6000040

Includes Thoracic Harness, Pelvic Harness, Head Halter and Harness Straps

<http://www.kimhung.vn>

Saunders Cervical Traction



Saunders Cervical Traction System #7040

Can be attached to the TM-400. This unit pulls at the base of the occiput for more effective cervical traction and adapts easily to all Chattanooga Group traction devices.

- One size fits most patients.
- Clevis included to mount to traction device.
- Available in Black

#3-5000005

Saunders Lumbar Traction



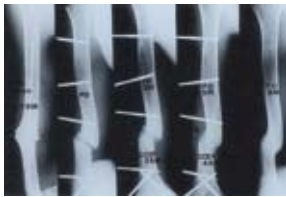
#3-5000015

OSTEOTRON: The use of capacitively coupled electric field to Stimulate Bone growth. Very Low Intensity Pulsed UltraSound (**LIPUS**)

Features:

A Bone Growth Stimulator of capacitively coupled electric field (CCEF), a method developed by Dr C.T. Brighton Uni Pennsylvania, in 1981. Non-invasive (LIPUS)

- Two channels
- Can be used regardless of intramedullary nails, plates or other internal fixation materials
- Digital display of cumulative hours of treatment to 9,999
- A single probe capable of both 1 MHz or 3 MHz output is used according to treatment objectives and areas:
1 MHz for a deep area and 3 MHz for superficial area.
- The probe BNR (beam nonuniformity ratio), a key factor in the efficacy & safety of ultrasound therapy, is 3.1–3.5 (IEC)
- Lightweight and compact



K+
#2-100150
<http://www.kimlung.vn>



EPM Portable Interferential # 4160

Superb new unit with the benefit of choice between 2 and 4 pole modes. Reduces inflammation and pain rapidly. Professional unit which can also be used in the home by patients. Ideal for post operative knee reconstruction pain.

- 2 Preset programmes with different ranges of frequency sweeps
- 4 programmes with adjustable frequency ranges and their rates of increase
- Continuous and Stepped modes
- Built in rechargeable battery

Includes unit, leads, charger, pads, pouch and instructions

The EPM IF4160

It can be used to treat any condition that would normally respond to standard TENS. However it's therapeutic effects of increasing blood flow and reducing inflammation / swelling around the treatment area make it particularly effective for a much wider range of conditions.

Whilst it delivers many times the power of a standard TeNS the sensation of IF4160 is extremely gentle.

The well written user manual includes specific instructions addressing:

- * Ankylosing Spondylitis
- * Rheumatic Arthritis, Osteo Arthritis, Spondylitis
- * Recent Injury (including Sports Injury)
- * Post Operative Pain, Edema
- * Tennis and Golf Elbow
- * Post Op (Ankle) Surgery
- * Plantar Facilitis



#2-100009

10 Electroacupuncture & Zen Trainer

ELECTROACUPUNCTURE: Acupuncture using current

ZEN TRAINER: Designed to provide the means of eliminating stress. This Biofeedback device monitors the users mental state and emits both visual and auditory signals.

ITO IC-1107+

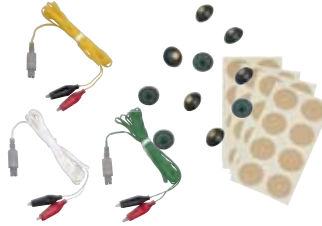


2-7100094

Features:

- For busy clinics that require several units
- Palm-sized and lightweight
- Three output channels
- Low/High intensity settings
- Unique asymmetric bi-phasic pulse

Standard Kit



Specifications

Frequency	0-500Hz, variable
Amplitude	Low setting: Max. 9.0mA plus/minus 10%
High setting: Max.	15mA plus/minus 10%
Phase Duration	100µs
Pulse Shape	Asymmetric bi-phasic
No. of Channel	3 channels
Others	Battery checker
Pulse rate indication	
Power Source	9V battery
Dimensions	61(W) x 96(D) x 27(H)mm
Weight	Approx. 200gr.

ITO ES-160



8-800128

Features:

- Allows simultaneous stimulation with 12 acupuncture needles (6 channels)
- Provides eight(8) different stimulation modes
- Saves parameters of the previous treatment and incorporates sixteen(16) free programmable memory settings
- Enables user to find and stimulate acupuncture points
- Allows measurement of Ryodoraku points and storage of data
- Environment-friendly electrode cords of TPU, non-PVC material
- Comes with a full range of safety functions

Standard Kit



Specifications

Power supply	Four(4) alkaline LR14 batteries
Supply voltage	6V
No. of Channel	6, independently controllable
Pulse Shape	Symmetric, bi-phasic square pulse
Amplitude	Stimulation by pen electrode: 0-48mA (peak)
Phase duration	50-400µs, adjustable
Timer	0-60 minutes
Dimensions	239(W) x 174(D) x 41(H)mm
Weight	Approx. 1.2kg
Electroacupuncture: high:	0-32mA plus/minus 25% (peak)
low:	0-16mA plus/minus 25% (peak)

ITO Zen Trainer



8-800129

Features:

RELAX THE MIND AND BODY! GET RID OF STRESS AND TENSION!

- Induces a relaxed, hypnotic state in a short time to alleviate stress and anxiety
- New applications can be developed by the users themselves
- Built-in bio-feedback function



Specifications

Bio-feedback unit	Electric current: DC 55µA max.
Display:	LED
Sound frequency:	0-3kHz
Stimulation unit	Frequency: 8Hz
Output voltage:	Max. 60V(1k ohm load)
Phase duration:	Square pulse 0.5ms
Spike pulse	0.1 ms-0.5ms
Timer	60min
Dimensions	296(W) x 275(D) x 120(H)mm
Weight	2kg. incl. battery

External-pressure massage is used to carry lymph fluid rhythmically from the extremities to the centre of the body (heart), and reduce swelling of the limbs caused by the reduced lymph-fluid flow. Promoting lymph flow also encourages the development of lymph-fluid bypasses. Air pressure is used, thereby eliminating any concerns involving side effects.

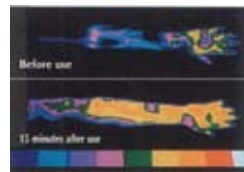
Features:

- Effectively Designed pulse pressure intensity based on research and experimental findings
- Comfortable.
- Easy attachment and detachment of air hose.
- Small, lightweight for easy transport.
- Use of Linear air compressor of low noise and easy maintenance.

Specifications

Power supply: AC 110 or 230V, 50/60Hz
 Pressure Range: 30-100 mmHg
 Dimensions: 220(W) x 220 (D) x 124 (H)mm
 Weight: 5.5kg

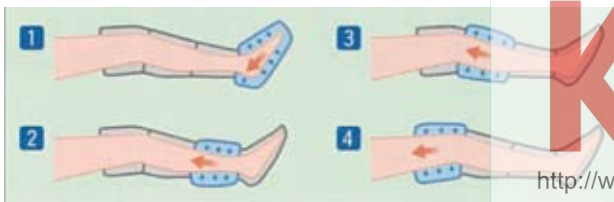
Change in Skin Temperature



Standard Kit



2-1000064 Extension Zipper For Lower Limb Cuff Y5B
 2-4000027 Air Tube For 2 Cuffs H60
 2-1000063 Lower Limb Cuff 4 Chambers L73



ITO Medomer CP-110A Automatic Compression



#2-4000011

Applications:

- Post-traumatic edema of the extremities
- Edema of the Legs
- Peripheral edema
- Stump Reduction
- Upper Limb Edema
- Venous Stasis Ulceration
- Lymphedema

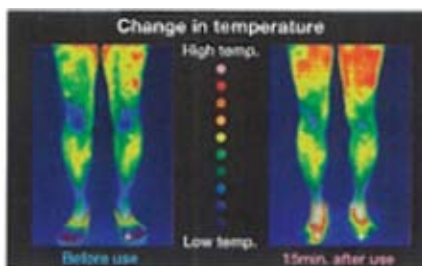
Features:

What makes the DM-5000 different?

- Overlapping inflation system offers even, effective, comfortable compression.
- Three (3) different compression patterns: sequential, squeeze and simultaneous
- Microcomputer-controlled: the force remains constant, irrespective of your leg's or arm's size
- The soft air pressure compresses the body evenly from the toes to the thighs, free from localized pain

Specifications

Power supply: AC 110 or 230V, 50/60Hz
 Pressure Range: 30-130 mmHg
 Dimensions: 315(W) x 222 (D) x 155 (H)mm
 Weight: 5.7kg



ITO Medomer DM-5000 Intermittant, Sequential Compression



#2-4000020

- Lymphedema resulting from trauma, tumors or Surgery
- Reduction of Limb size. * Promotion of blood circulation.
- Venous Stasis Ulceration

2-1000062 Air Tube For Lower Limb Cuff H50A
 2-1000066 Extension Zipper For Upper Limb Cuff Y51A
 2-4000025 Lower Limb Cuff B50A
 2-4000026 Upper Limb Cuff U50A

Ultrasound Gel

- Conductor™ Transmission Gel
- 5 Liter Container
- Water-soluble, non-geasy ultrasound and electrical coupling gel.
- Packaged with a 8.5 oz. (250 ml) container for easy refill.

Sponge Pockets

- 1-1000090 110mm x 140mm
- 2-1000089 80mm x100mm Med
- 2-1000012 70mm x80mm Sml

Sponges

- 2-1000190 ITO Sm 37mm NEW STYLE
- 2-1000120 ITO med 70mm NEW STYLE (4)
- 2-1000024-MM95 95mm
- 2-1000024-MM65 65mm

HOSES

- 2-1000098 Physio Med Suction Hoses (each)
- 2-1000102 ITOe SU-520 #VH-530

INTERFERENTIAL CARBON ELECTRODES

- 2-1000010 75mm I/F Carbon Electrode
- 2-1000011 65mm I/F Carbon Electrode

SUCTION CUPS

- 2-100159 ITO SU-520 7.7cm # VE-770S9(N)
- 2-1000099 ITO SU-520 50mm
- 2-1000022 physiomed 95mm
- 2-1000021 physiomed 65mm

Sensors

- 4-9000021 Periform Vaginal Electrode
- 2-7000206 Veriprobe Vaginal Probe W Connection
- 4-9000022 Anuform Intra-Anal Electrode
- 4-9000003 Contract Control Anal Probe
- 4-9000012 Contract Control Vaginal Probe 25mm
- 4-9000013 Contract Control Vaginal Probe 30mm
- 2-7000217 Vaginal Probe PERIPROBE URT - 02
- 2-7000218 Anal probe PERIPROBE URT - 03
- 2-7000206 Veriprobe Vaginal W/VM Connection
- 2-7000250 Intellistim Vaginal Probe

Leads and Accessories

- 2-1000071 Protens Lead Pair (analogue)
- 2-7000203 Protens Lead Pair (digital)
- 2-7100086 ITO 120Z Leads
- 2-1000080 ES-320 Leads Blue
- 2-1000081 ES-320 Lead Grey
- 2-1000082 Trio 310 Lead Grey
- 2-1000083 Trio 310 Lead White
- 2-7100085 Leads for Focus EMPI (Pair)
- 2-1000040 R Stim Lead Single
- 2-1000041 Meyer Lead (mme1001)
- 2-1000096 Neurotrac Leads (each)
- 2-1100009 Alligator clip lead (each)
- 2-7100087 120z Battery Covers
- 2-1000030 9 Volt Battery
- 2-1000031 9 Volt Battery Rechargeable GP17R8H
- 2-1000033 Recharger for 9V Battery



<http://www.kimhung.vn>



Features:

TRIO 300 offers world's first integrating three functions of **TENS**, **EMS** and **Micro-current**, plus programming capability in a palm-sized unit. Keyboard Lock function

- Five free program memories, 10 steps each.
- Previous therapy modes and parameters kept in the memory.
- Memory maintains contents even when the power is off.
- Different parameter settings possible on each channel
- Safety oriented design: - Self-test, constant current output, zero start off output.
- Other functions: Digital timer, low battery power warning, auto matic power off.



Microcurrent Screen

EMS Screen

TENS Screen-

Standard Kit



ITO Trio-300



2-7000010

Features:

Combination TENS EMS

- Memory protection function for parameters programmed
- Records total number of treatment sessions and treatment time
- Records previous treatment mode
- Includes Sweep mode (frequency modulation) and Random mode to prevent accommodation
- Co-contraction and alternate contraction can be selected
- Auto power off function
- Keyboard lock function
- Low battery power warnings



Sweep Screen

Surge Screen

Burst Screen

Standard Kit



ITO ES-320



2-7000030

Features:

Analogue TENS

- Three therapy modes: Constant, Burst and Modulation (AM)
- Safe - Lock lever for control knobs
- No. of Channel 2 channels
- Pulse Shape Asymmetric bi-phase rectangular pulse
- Amplitude 80mA peak at 500ohm load
- Phase Duration 50-200µs steplessly adjustable
- Frequency (1) Constant mode: 2-200 pulses per second
(2) Modulation mode: 2-200 pulses per second, 2 seconds-On and 1 second-Rest
(3) Burst mode: 2 bursts per second, fixed

Power Source

Conformity

Dimensions

Weight

9V battery

CE(MDD), FDA

96 x 61 x 27mm

142 gr. including a battery



ITO 120Z



2-7000009